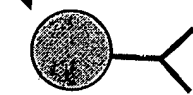
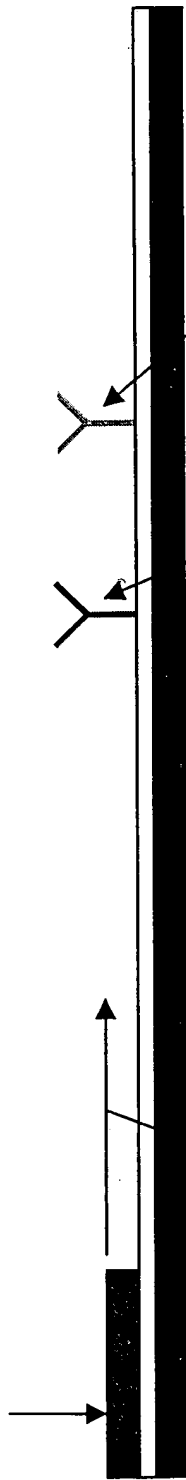


Quantum dot or
quantum dot dyed microsphere
conjugated to anti-analyte 1, epitope A



+ Sample



Direction of flow

Control line-
Binds to antibody
that is conjugated to
the quantum dot or
microsphere

Anti-analyte 1
epitope B

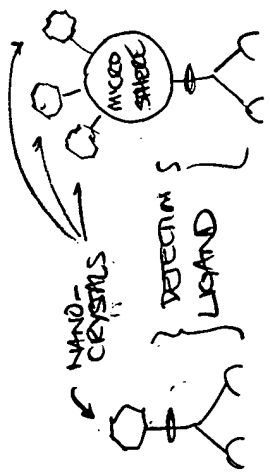
FIGURE 1



Figure 2

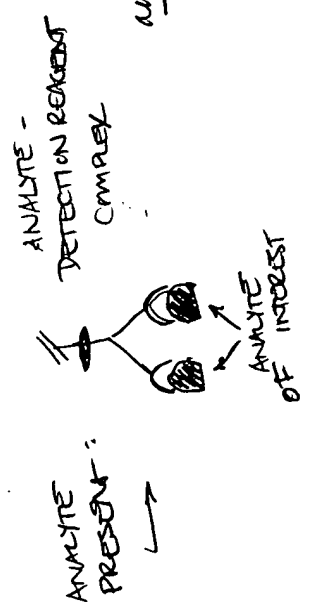
COMPETITIVE BINDING TEST STRIP

DETECTION REAGENT
(2 VERSIONS)



TEST SAMPLE

SAMPLE MIXTURE

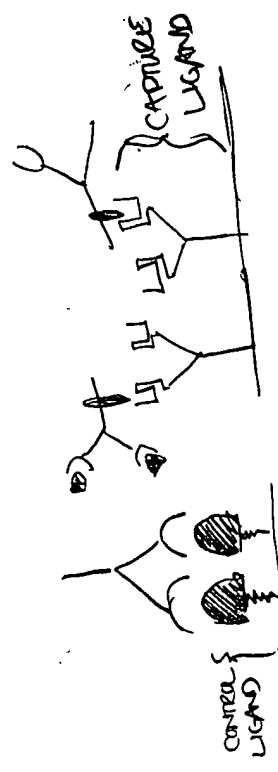
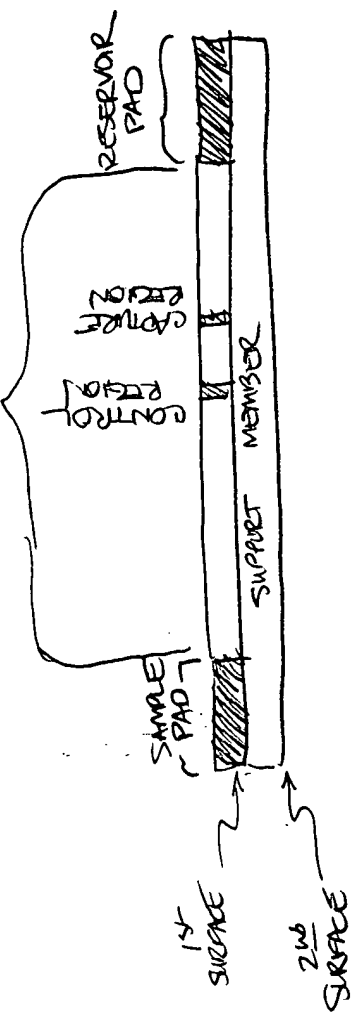


ANALYTE NOT PRESENT

UNBOUND DETECTION REAGENT ONLY

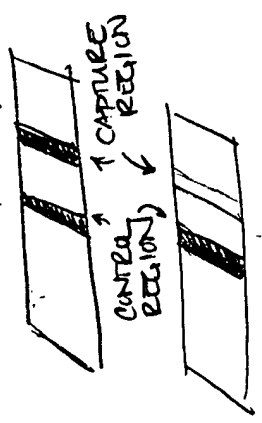
IMMUNOCHROMATOGRAPHIC TEST STRIP

SEPARATION REGION



POSITIVE RESULT

UNBOUND DETECTION REAGENT



NEGATIVE RESULT



FIGURE 3

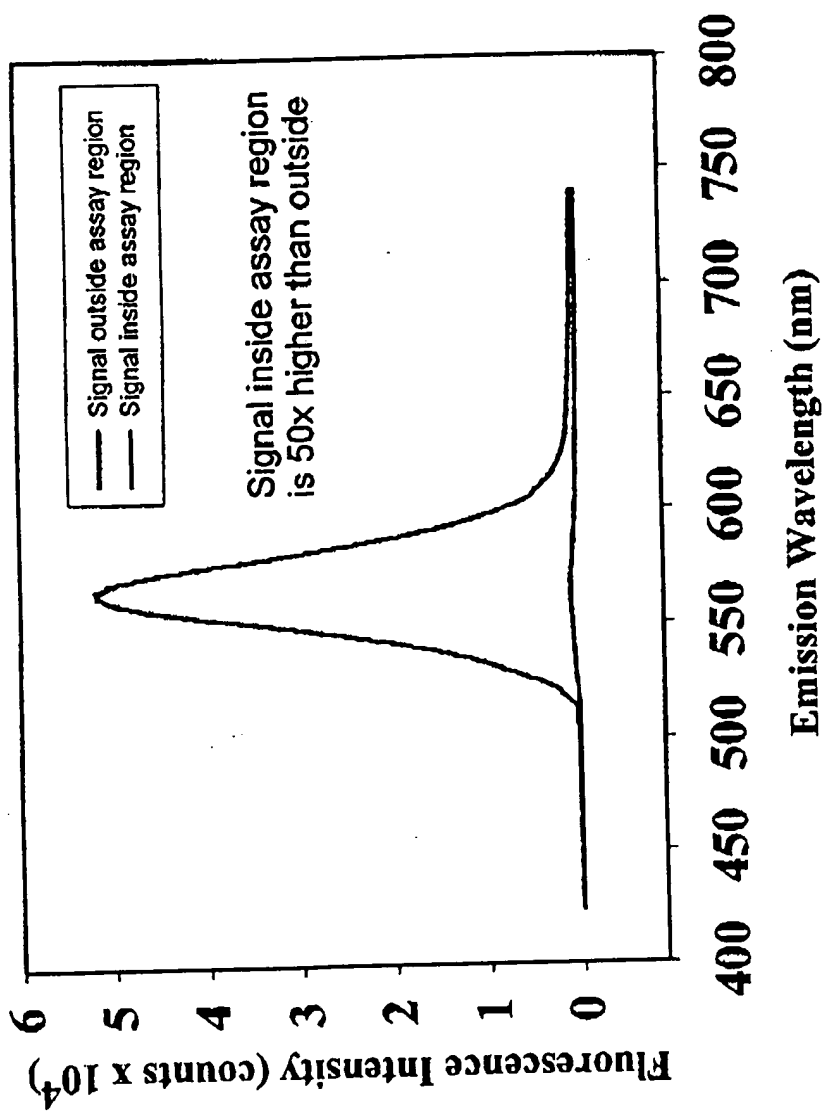


Figure 4